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| **GEN-1980** (120V-3000W-60Hz-23.7kW-16yr) |  **Geneforce Emergency Power System** |
| **Product Features**  |
| Silent operation. Safe for indoors. No gas or emissions. |
| No Installation; No Maintenance; No Permits required |
| Automatic & one-touch start.  |
| Advanced System Control Panel with Graphical 128 x 64 pixel, backlit LCD display that allows for setup and monitor of entire system including multiple solar charge controllers and auxiliary battery banks. Panel displays power reserves, amp hours consumed, fault conditions, solar panel output, charging, power consumption.  |
| Pure Sine Wave and Built-in voltage regulation system provides clean output for sensitive electronics. |
| Overheat Temperature Sensor & automatic shutdown feature. |
| Built-in (120V/30A) Automatic A/C transfer switch.  |
| Built-in 60A solar charge controller for solar panel charging.  |
| May connect directly to a Breaker Panel. \*optional |
| **Electrical Specifications**  |  **GEN-1980 (120V)**  |
| Output power (continuous at 40̊C)  |  3,000 W  |
| Surge power (AC amps)  |  6,000 W  |
| Peak Output Current  |  80A  |
| Output frequency regulation  |  60 Hz  |
| Output Voltage  |  120 Vac  |
| Output wave form  |  Pure Sine Wave  |
| Service Life (No Maintenance)  |  12-16 Years  |
| Stored Electrical Energy  |  23.7 kW (23,760 Watts)  |
| AC output receptacles  |  Four (20A/120V) outlets & one (30A/120V) \*customizable |
| 12 Volt Power Outlet (optional - not included)  |  One 12 Volt Auxiliary Receptacle  |
| AC input plug  |  One (30A/120V) input plug \*(20A/120V) input plug optional  |
| AC Automatic transfer switch (included)  |  (120V/30A)  |
| Charge rate (3-stage)  |  150 A DC  |
| AC input voltage range  |  90 - 130 VAC  |
| Charger  |  3-stage (Bulk, Acceptance, Float)  |
| Solar Charge Controller (Man be used with 12V or 24V Solar Panels) |  (60A/12V-24V)(~800W per hour of sunlight) \*(80A/150V)optional  |
| **General Specifications**  |  |
| Optimal operating temperature range  |  32°F – 104°F (0°C – 40°C) \*derated below 0°C and above 40°C  |
| Monitor  |  LED Display (Reads V, Amps, DC amps, State of Charge, etc.)  |
| Dimensions (H x W x L)  |  36" x 24" x 36"  |
| Construction |  Four Heavy Duty Casters, Heavy Steel Enclosure, Color - Black |
| Weight  |  1,460 lbs.  |
| Warranty  |  2 Year on Components; Up to 4 years on Cells |
| Part numbers  |  GEN-1980-120-3000-16YR  |
| **Regulatory Approvals & Protection** |  |
| Safety - UL Listing | Components ETL certified to CSA 107.1, UL458, FCC Part 15, Class B |
| Voltage Regulation | Over voltage and under voltage protection |
| Temperature | Over-temperature protection |
| Output | Overload Protection |
| Electrical | Short circuit protection |
| **Price**  | **$12,497** |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **(305)215-5443 email:** **sales@geneforcepower.com** |